रजिस्ट्री सं. डी एल—33001/2000 REGISTERED No. DL—33001/2000

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 45] नई दिल्ली, शनिवार, नवम्बर 4, 2000 (कार्तिक 13, 1922)
No. 45] NEW DELHI, SATURDAY, NOVEMBER 4, 2000 (KARTIKA 13, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 4th November 2000

ADDRESS AND JURISDICTION OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below :—

Patent Office Branch,
Todi Estates, IIIrd Floor,
Lower Parel (West), Mumbai-400 013.

The States of Gujarat, Maharashtra, Madhya Pradesh and Goa and the Union Territories of Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"
Phone No. 482 5092
Fax No. 022 495 0622

Patent Office Branch,
Unit No. 401 to 405, IIIrd Floor,
Municipal Market Building
Saraswati Marg, Karol Bagh
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh and Delhi and the Union Territory of Chandigarh

Telegraphic adress "PATENTOFIC"
Phone No. 578 2532
Fax No 011 576 6204

Patent Office Branch,
Wing 'C' (C-4, A),
IIIrd Floor, Rajaji Bhavan, Besant Nagar,
Chennai-600 090.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territories of Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS"
Phone No. 490 1495
Fax No. 044 490 1492.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building, 5th, 6th and 7th Floors, 234/4, Acharya Jagadish Bose Road, Calcutta-700 002.

Rest of India.

Telegraphic address "PATENTS"
Phone No. 247 4401
Fax No. 033 247 3851

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

Fees.—The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेन्ट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 4 नवम्बर 2000

पेटेन्ट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेन्ट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नाई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेन्ट कार्यालय शाखा, टोली इस्टेट,
तीसरा तल, लोअर परेल (प.)
मुम्बई-400013 ।
गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।
तार पता - "पेटोफिस"
फोन : 482 5092 फैक्स : 022 495 0622

पेटेन्ट कार्यालय शाखा,
एनक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।
हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।
तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011 576 6204

पेटेन्ट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नाई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदीव द्वीप ।

तार पता-"पेटेंटोफिक"
फोन : 490 1495 फैक्स : 044 490 1492

पेटेन्ट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेन्ट अधिनियम, 1970 तथा पेटेन्ट (संशोधन) अधिनियम, 1999 अथवा पेटेन्ट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या तो **केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।**

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान की अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेन्ट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेन्ट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निर्धारक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ

या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए ।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसकी शाखा कार्यालयों से यथाविहित 30/- रुपए प्रति की अदायगी पर की जा सकती है ।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं है, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ मय 30/- रुपये की अदायगी पर की जा सकती है ।।

Ind. Cl. : 77 A +C 185061

Int Cl : A 23 D 5/00, C 11 C 3/00

A PROCESS FOR PREPARING FAT BLEND CONTAINING DIGLYCERIDES.

Applicants : HINDUSTAN LEVER LIMITED, 165-166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :
FREDERICK WILLIAM CAIN
STEPHEN RAYMONDS MOORE
ANNE CYNTHIA PEILOW
PAUL THOMAS QUINLAN.

Application No. 56/Bom/95 date 8 Feb 95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

10 Claims

A process for preparing fat blend suitable for food application which process comprises admixing 30-70 wt% of diglycerides and 70-30 wt% of triglycerides in a known manner as herein described wherein diglycerides are composed of :

25-70 wt% Su-diglycerides ;

10-70 wt% UU-diglycerides ;

less than 30 wt% SS-diglycerides

(S=saturated fatty acid C12-C24 ; U-unsaturated fatty acid with at least 16 C-atoms) ;

While the triglycerides contain 1-70 wt% of S2U-triglycerides ; the content of saturated fatty acids for the whole blend being less than 5 wt%.

Compl. Specn. 21 pages Drg. nil

Ind. Cl. : 170 A+B 185062

Int. Cl. : C 11 D—1/68, 1/16

A FABRIC WASHING DETERGENT COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :
PETER ROBERT GARRETT
DENNIS GILES.

Application No. 131/Bom/95 filed on 29-3-95.

U.K. Priority—31-3-94 and 15-7-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

15 Claims

A fabric washing detergent composition comprising :

(i) from 2 to 40 wt% of an organic surfactant system comprising :

(a) 50-100 wt% of ethoxylated alcohol nonionic surfactant having an average alkyl chain length of less than C_{12} and a content of C_{10} material (based on the alcohol) of at least 45 wt% ;

(b) optionally upto 50 wt% of a co-surfactant such as herein described other than ethoxylated alcohol nonionic surfactant,

(ii) from 0.5 to 55 wt% of non-aqueous solvent,

(iii) optionally from 0.1 to 5 wt% of a non-polymeric detergency builder such as herein described,

(iv) water and optional minor ingriedients to 100 wt%, wherein the surfactant system (i) and the non-aqueous solvent (ii) together with water form a stable oil-in-water microemulsion.

Compl. Specn. 20 pages Drgs. Nil

Ind. Cl. : 170 B+D 185063

Int. Cl. : C 11 D 3/48, 9/50

A METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION CONTAINING ACYL MONOLACTYLATES.

Applicants : HINDUSTAN LEVER LIMITED, 165-166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :
1. MAYARA EASWARAN NARAYANAN NAMBUDIRY
2. VILAS PANDURANG SINKAR
3. DEVADATTA SHIVAJI SANKHOLKAR
4. VINAYAK KESHAV GORE
5. NAND SANMUKHDAS BIJLANI
6. VIRENDER SINGH SHEORAIN
7. VAISHALI RAMCHANDRA PRABHUDESAI.

Application No. 623/Bom/1997 filed on Oct. 20, 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

A method of producing a synergistic antimicrobial composition containing acyl monolactylates comprising mixing from 0.5% to 20% by weight of metal salt of acyl (C6-C22) monolactylic acid such as herein described, from 8-20% by weight of water and 60 to 92% by weight of atleast one of any conventional soap and inionic detergent.

Compl. Specn. 17 pages Drg. Nil

Ind. Cl. : 55-E-4 185064

Int. Cl. : A 61 K 9/00, 31/49

A PROCESS OF PREPARING TRICLINIC CRYSTALS OF ARTEMISININ.

Applicants : UNIVERSITI SAINS MALAYSIA, A UNIVERSITY ESTABLISHED UNDER THE LAWS OF MALAYSIA, WHOSE ADDRESS IS 11800 PULAU PINANG, MALAYSIA.

Inventors :

1. DR. CHAN KIT LAM
2. DR. YUEN KAH HAY
3. MR. JINADASA SUNILVA
4. DR. PEH KOK KHIANG.

Application No. 661/Bom/97 filed on 10-11-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

1 Claim

A process of preparing triclinic crystals of artemisinin, comprising the steps of :

(a) dissolving artemisinin in hot cyclohexane ;

(b) slowly allowing the solution of step (a) to reach room temperature when triclinic crystals gradually appeared ;

(c) allowing the crystals to grow overnight ;

(d) harvesting the said crystals under partial vacuum ;

(e) washing the harvested crystals with cold cyclohexane ; and

(f) recrystallising the crystals twice from cyclohexane until a sharp melting point of 156-157 C is recorded.

Compl. Spcn. 30 pages Drgs. 9 sheets

Ind. Cl. : 83 A1 Gr. [XIV(5)] 185065

Int. Cl. : A 23 G—9/00.

A PROCESS FOR THE PRODUCTION OF A FROZEN FOOD PRODUCT.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION MUMBAI-400 020, MAHARASHTRA, INDIA.

A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors :

1. DONALD FRANK DARLING
2. ANDREW HODDLE.

Patent Application No. 136/Bom/98 filed on 12-03-1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

A process for the production of a frozen food product comprising AFP, wherein a pre-mix of the frozen food product is prepared and frozen, the product being at least partially pre-frozen in the substantial absence of free AFP, followed by including the free AFP therein.

Compl. Specn. 25 pages Drg. Nil

Ind. Cl. : 55 E1 [XIX (1)] 185066

Int. Cl. : A 61 K—31/47

A PROCESS FOR THE STEREOSPECIFIC SYNTHESIS OF ERYTHRO-MEFLOQUINE HYDROCHLORIDE.

Applicants : LUPIN LABORATORIES LIMITED, 159 C.S.T. ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, STATE OF MAHARASHTRA, INDIA.

Inventors :

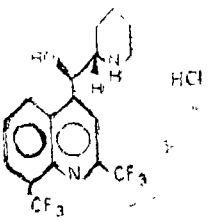
(1) VINOD KUMAR KANSAL
(2) PADMANILAYAM PARMESWARAN MANIYAN
(3) SANJAY SHANKAR DESHMUKH
(4) NIRANJAN LAL GUPTA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

Application No. 265/Bom/98 filed on 08-05-98.

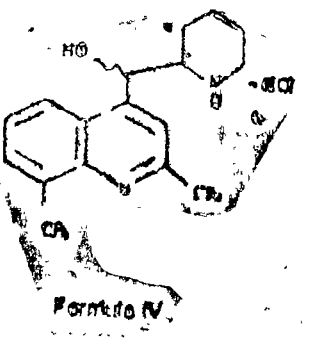
9 Claims

A process for the stereospecific synthesis of erythro-mefloquine hydrochloride of formula I

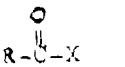


which comprises of

(a) acylating a mixture of racemic erythro and threo mefloquine hydrochloride of formula IV



with an acylating agent of formula V

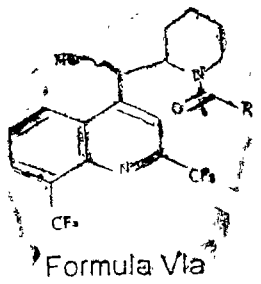


Formula V

wherein R=CH_3, Ph, OC_2H_5 OBn and H.

X=Cl, Br, I, imidazolyl, N-hydroxisuccinamido, R^1-CO_2 wherein R^1 has the same meaning as R, in the presence of

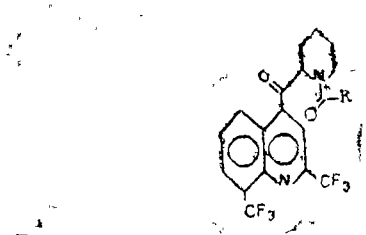
base in anyone of an organic solvent and an aqueous solvent to obtain the corresponding N acyl derivative of formula VIa



Formula VIa

Wherein R=CH_3, PH, OBN, OC_2H_5 and H

(b) the N-acyl derivative of formula VIa is oxidised with an oxidising agent such as herein described to obtain the corresponding N-acyl keto derivative of formula VII



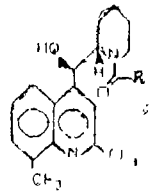
Formula VII

wherein R=CH_3, Ph, OBn, OC_2H_5 and H

(c) subjecting thus obtained N acyl keto compound of formula VII to reduction

Formula VII

wherein R=CH_3, Ph, OBN, OC_2H_5 and H with a specific reduction system comprising of a metal borohydride and metallic halide in an organic solvent to obtain the N-acyl derivative of formula VIA pre-dominantly as its erythro isomer,



Formula VIA

wherein R = CH_3, Ph, OBn and OC_2H_5

(d) the compound of formula VIA is thereafter hydrolysed with a mineral acid in anyone of an alcohol and a base in an alcoholic media to thereby obtain the said erythro mefloquine hydrochloride of formula I.

Ind. Cl. : 32 F_2(b), Gr. [IX (I)] & 55E_3+E_1 Gr. [XIX (I)] 185067

Int. Cl. : C 07 D—499/46

AN IMPROVED PROCESS FOR THE PREPARATION OF PENICILLIN ANTIBIOTICS.

Applicants : LUPIN LABORATORIES LIMITED, OF 159 C.S.T. ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventors :

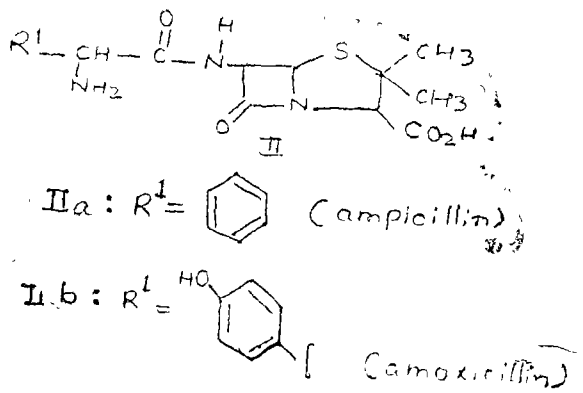
1. NIRANJAN LAL GUPTA
2. MOHAN PRASAD
3. ANURAG TRIVEDI
4. DNYANDEO RAGHO RANE.

Patent Application No. 450/Bom/97 filed on 28-07-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

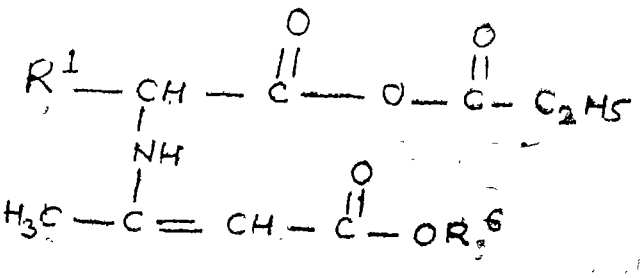
9 Claims

1. A process for the manufacture of penicillin antibiotic of Formula II



Comprising

(a) reacting a silylated compound of formula IV with a mixed anhydride of formula VIII

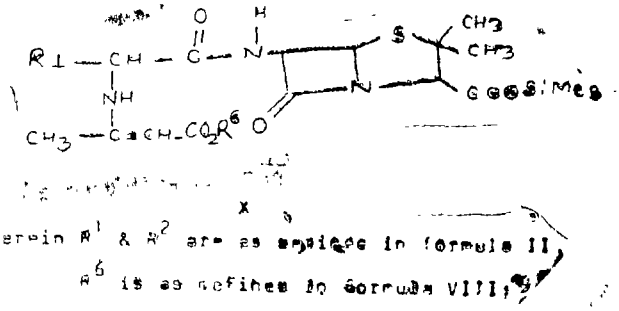


Formula VIII

in dimethyl formamide in the presence of a base at —50°C to—15°C preferably —40°C ;

Wherein R^1 is as defined in formula II

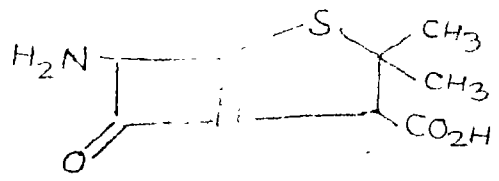
$R^6=C_2H_5$, CH_3 to obtain protected intermediate of formula X



X

Wherein R^1 & R^2 are as applied in formula II, R^6 is as defined in formula VIII;

(b) hydrolysing the intermediate X with dilute HCl and H_2O at 10°C to 35°C preferably 20°C to obtain the desired penicillin antibiotic of formula II characterized in that, the silylated compound of formula IV is obtained by silylating a compound having formula VII



VII

with 2 silylating agent in inhert organic solvent such as hereindescribed in the presence of acid catalyst such as hereindescribed.

Compl. Specn. 15 pages Drgs. Nil

Ind. Cl. : $55E_2 + E_4$ [XIX (1)] 185068

Int. Cl. : A 61 K—31/00

A PROCESS FOR PREPARING AN IMPROVED DENTAL TOOTH PASTE WITH GREEN NEEM LEAVES AS A MAJOR INGREDIENT FOR MEDICINAL EFFECT.

Applicants : PRIYAL KHANDERAO KULKARNI, AND VIJAY PRIYAL KULKARNI, MOHOR, 64/17, REGE MARG, ERANDAVANE, PUNE-411 004, MAHARASHTRA STATE, INDIA. BOTH INDIAN CITIZENS.

Inventors :

(1) PRIYAL KHANDERAO KULKARNI

(2) VIJAY PRIYAL KULKARNI.

Application No. 487/Bom/98 filed on 30-7-98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

2 Claims

A process for preparing an improved dental tooth paste with green neem leaves as a major ingredient for medicinal effect comprises use of green neem leaves removed from a neem tree, the said leaves are first washed with clean water to remove dust and the leaves are then further washed with boiled and cooled water to reduce bacterial presence and the said washed leaves are loaded into a centrifuge machine to remove excess water from the surface of the leaves and then the cleaned and dry leaves are shreded, in a chopping machine, to small particle size and then converted into a slurry by addition of condensed steam extract of lemon grass and the said slurry is transferred to a vacuum vessel from which air is evacuated and the slurry is kept for same hours so that the particles of neem leaves are soaked in the extract of lemon grass and then this said slurry from evacuated vessel is put into harmonizer machine for mixing with other ingredients, these being, calcium carbonate powder, alum powder and a solution in water of any natural vegetable gum such as from BABHUL TREE AND All the above said ingredients are thoroughly mixed in the homogenizer machine so that the said slurry is converted into paste of colloidal sized particles with uniform composition, consistency fluidity and consistency as and having no free water.

Comp. Specn. 21 pages Drgs. 2 sheets

Ind. Cl. : 55 E2 + E4 [XIX(i)] 185069

Int. Cl. : A 61 K, 31/00

A PROCESS FOR PREPARING A MEDICINAL LIQUID PREPARATION MADE FROM GREEN HERBS TO SERVE AS NASAL DROPS AGAINST COMMON COLD AND SINUS CONGESTION.

Applicants : PRIYAL KHANDERAO KULKARNI, VIJAY PRIYAL KULKARNI MOHOR, 64/17, REGE MARG, ERANDAVANE, PUNE-411 004, MAHARASHTRA STATE, INDIA.

Inventors :

(1) PRIYAL KHANDERAO KULKARNI

(2) VIJAY PRIYAL KULKARNI.

Application No. 488/Bom/98 date : 30-7-98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

2 Claims

A process for preparing a medicinal liquid preparation made from green herbs to serve as nasal drops against common cold and sinus congestion, a process in which fresh leaves of neem tree (AZADRACHTA INDICA) fresh leaves of bush adulsa (ADHATODA VASICA) and fresh leaves of bush tulas (OSCIMUM SANCTUM) are cleared first with clean cold water and then with boiled and cooled water and excess surface water from all the said leaves is removed in a contrifuge machine and then the leaves of neem, adulsa, and tulas taken in the required proportion are loaded in a chopping machine and sheded to fine particles and to this shreded mass of leaves is added the jelly like substance from korphad (ALOES INDICA) alongwith an antioxidant such as sodium benzonite and condensed steam extract of lemon grass and all these said ingredients are further mixed in the chopping machine to reduce particle size of all ingredients to colloidal size so as to form a paste of uniform composition and easy fluidity and the said paste is packed in collapsible aluminium or plastic tubes to preserve the paste against fungus growth and oxidation by atmosphericair an ambient temperature and when a liquid preparation is required as nasal drops, then a small quantity of paste is taken out of the collapsible tube and mixed with boiled and cooled water to form a suspended solution and then used as nasal drops as a medicine.

Compl. Specn. 16 pages Drg. 1 sheet

Ind. Cl. : $32F_2(b)+55\ E_2+E_4$ 185070

Int. Cl. : C 07 D 501/04

AN IMPROVED PROCESS FOR THE PREPARATION OF TRIHYDRATE CEFIXIM.

Applicants : J. K. DRUGS & PHARMACEUTICALS LIMITED, MILAP NIKETAN, BHADUR SHAH ZAFAR MARG, NEW DELHI, INDIA.

Inventors :
SHARMA ANIL KUMAR
DR. RAJ BALDEV
DR. SETHI MADHURESH KUMAR
DAS DEBASHIS.

Application No. 75/Bom/99 dated 29-1-1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

38 Claims

An improved process for the preparation of trihydrated cefixim of formula I comprising :

Step 1—Suspending 7-substituted amino cephalosporanic acid of formula IV in DM-H_2O and methanol mixture, preferably in the ratio 1-10 : 10-1, and adding aqueous solution of alkali carbonate at 0-15°C till the contents of 7-substituted amino cephalosporanic acid of formula IV is reduced to less than 1% to get 7-substituted amino -3-hydroxymethyl-3-cephem-4-carboxylic acid of formula V ;

Step 2—the said formula V is then acylated with organic acid chloride in organic solvent at 7-amino group and esterifying with diphenyl diazomethane at 4-carboxy group to give compound of formula VI ;

Step 3—the compound of formula VI is then reacted in known manner with phosphorous tribromide in tetrahydrofuran to give a compound of formula VII, which in turn undergo reaction with triphenyl phosphine and formaldehyde in presence of base to generate 3-vinyl group of formula VIII ;

Step 4—forming triphenyl phosphite-chlorine complex by passing chlorine gas in triphenyl phosphite in aliphatic halogenated hydrocarbon (having high solublizing effect on impurities) in presence of an organic base (as herein described) at -10 to 50°C, adding an alicylic alkene to quench the excess chlorine, adding compound of formula VIII and the said organic base at 0°C to 30°C to form iminochloride of formula IX, treating the said iminochloride of formula IX with alcohols as herein described to prevent the reversion of above reaction, and isolating the compound of formula X at 0 to 30°C from halogenated aliphatic hydrocarbon by passing dry HCl gas ;

Setp 5—dissolving the compound of formula X in aliphatic halogenated hydrocarbons using an organic base as herein described in the ratio of 1 : 1-10 mole, preparing an vilsmeier reagent of compound of formula XI in aliphatic halogenated hydrocarbon using N, N-dimethylformamide and phosphorous oxychloride, coupling the compound of formula X with vilsmeier reagent of compound of formula XI at —10 to —60°C to form a compound of formula XII, isolating the said compound of formula XII (where R_2=$CHPh_2$ or -CH_2-C_6H_4-OCH_3) in DM-H_2O, dissolving the compound of formula XII in organic solvent as herein described at a room temperature and thereafter adding thiourea and stirring the reaction mixture at 0-25°C, extracting the reaction mass in a mixture of DM-H_2O and aliphatic halogenated hydrocarbon in the ratio of 1-10 : 10-1, washing the aliphatic halogenated hydrocarbon layer with saturated alkali chloride solution and thereafter drying, isolating the compound of formula XIII where R_2=$CHPh_2$ or -CH_2-C_6H_4-OCH_3) by concentrating the aliphatic halogenated hydrocarbon layer in vacuum,

Step 6—de-esterifying the compound of formula XIII in aliphatic halogenated hydrocarbon using aromatic ether, aliphatic organic sulphonic acid and aliphatic organic acid, as herein described, in the ratio of 1 : 0.5-5 : 0.1-2 : 1-5 at —10 to + 10°C extracting the reaction mass in a mixture of aqueous alkali carbonate and aliphatic esters, as herein described in the ratio of 1-2 : 2-1, charcoalizing the aqueous layer and isolating the compound of formula XIV at pH 2.0 to 3.0 by acidifying the said aqueous layer by mineral acid.

Step 7—reacting ester of formula XIV with inorganic base in a mixture of dimethyl formamide (DMF) and water at ambient temperature for a period of 1½ to 2 hour, and isolating cefixim of required purity by acidifying the resulting reaction mixture and drying to get trihydrate cefixim of formula I

OR

reacting ester of formula XIV in organic solvent with aqueous solution of inorganic base in the presence of phase transfer catalyst at ambient temperature for a period of 30—90 minutes allowing the resulting mixture to settle till the aqueous and organic layers separate, isolating the cefixim of required purity from aqueous layer by acidifying the said aqueous layer to get trihydrate cefixim of formula I.
(Formula I to XIV are given in page 8)

Compl. Specn. 21 pages Drg. Nil

Ind. Cl. : 14 A-2 185071

Int. Cl.[4] : H 01 M 2/14.

BATTERY SEPARATOR.

Applicant : THE DEXTER CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF CONNECTICUT, UNITED STATES OF AMERICA, OF ONE ELM STREET, WINDSOR LOCKS, CONNECTICUT 06096, UNITED STATES OF AMERICA.

Inventors :
VICKY LYNN—U.S.A.,
RICHARD PAUL JAMES—U.S.A. AND
VAUGHAN RICHARD ANNIS—U.S.A.

Kind of Application : Complete.

Application for Patent No. 497/Del/91 filed on 05th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

13 Claims

A battery separator for an electric storage storage cell comprising a nonwoven web consisting essentially of water dispersible fibers of the kind such as herein before described with a conventional synthetic binder, characterised in that the water -dispersible fibers comprises synthetic fibers in at least 5 percent by weight and having a cross sectional aspect ratio of greater than 2 uniformly distributed throughout the nonwoven web.

Agent : Remfry & Sagar.

(Compl. Specn. 19 pages Drng. sheet nil)

Ind. Cl. : 145 B 185072

Int. Cl.[4] : D 21 D 3/00

A PROCESS FOR THE PREPARATION OF A SYNTHETIC PAPER.

Applicant : COSMO FILMS LIMITED, AN INDIAN COMPANY OF 30, COMMUNITY CENTRE, SAKET, NEW DELHI-110017, INDIA.

Inventor(s) : S. MANNAR MANNAN—INDIA.

Kind of application : Provisional-Complete.

Application for Patent No. 0884/Del/91 filed on 20-9-91.

Complete left after provisional filed on 27-9-92.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the preparation of a synthetic paper comprising preparing a core sheet having 80 to 95% by weight polypropylene, 3 to 11% by weight calcium carbonate, 7 to 9% by weight titanium dioxide and 0.0.3% by weight anti stating agent in a conventional manner, preparing a skin sheet having 0.5 to 10% by weight polypropylene or ethylene propylene copolymer, 5 to 15% by weight polystyrene, 3 to 10% by weight calcium carbonate and 0 to 5% by weight each of silica, titanium dioxide, china clay with or without ethylene vinyl acetate by weight of paper in a conventional manner, and then co-extruding said skin sheet atleast on one side of said core sheet.

(Provn. Specn. 8 pages Drng. sheet nil)

(Compl. Specn. 12 pages Drng. sheet nil)

Ind. Cl. : 189 185073

Int. Cl.[4] : A 45D 33/00, 34/00 40/00, A 61K 7/00

A FACIAL COSMETIC EMULSION COMPOSITION WITH LEAVE-ON CHARACTERISTIC.

Applicant : RICHARDSON-VICKS, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES AMERICA OF ONE FAR MILL CROSSING, SHELTON, STATE OF CONNECTICUT, U.S.A.

Inventors :
DEBORAH JEAN TURNER—U.S.A.
JEANNE MARIE FOLEY—U.S.A.
DARRELL GENE DOUGHTY—U.S.A.
ARVIND MANSUKHLAL MEHTA—U.S.A.

Kind of Application : Complete

Application for Patent No. 1177/Del/91 filed on 02-12-[illegible]

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A facial cosmetic emulsion composition with leave-on characteristic, substantially free from fats and oils and anionic surfactants, comprising :—

(a) from 0.01 to 5% of a cationic surfactant ;

(b) from 0.01 to 5% of one or more carboxylic acid copolymer ;

(c) from 1% to 10% of a humectant ;

(d) from 0.05% to 10% of a cosmetically acceptable carrier ; of the kind herein described ; and

(e) the balance being optional additional components conventionally used in facial compositions ,

wherein said composition provides a contact angle between sebum and skin from 0° to 10°, and a spreading index over the period from 0-5 minutes.

(Compl. Specn. 22 pages Drng. sheet nil)

Ind. Cl. : 60X (2d) 185074

Int. Cl.[4] : C07 C 15/04

AN IMPROVED PROCESS FOR THE PREPARATION OF META-DICHLOROBENZENE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :
ANAND PAL SINGH—INDIA,
DEBASIS BHATTACHARYA—INDIA.

Kind of Application : Complete.

Application for Patent No. 386/Del/96 filed on 23-02-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for the preparation of meta-dichlorobenzene which comprises isomerizing ortho-dichlorobenzene or para-dichlorobenzene or their mixture in the vapour phase using tubular reactor in the presence of microporous zeolite catalyst composite material having molar composition as follows :

$M_{2/n} : Al_2O_3 : zSiO_2$ Where M is a hydrogen (H) or an alkali or alkaline earth metal with valency n and z is between 2 to 500 and having silica : alumina molar ratio 2 to 100 and a pore size of 4 to 10 A° and is being characterized by the X-ray diffraction data as herein described at a temperature in the range of 150 to 700°C and a pressure of 0 to 3000 psig and recovering the meta-dichlorobenzene from the reaction mixture by conventional methods.

(Compl. Specn. 12 Pages ; Drng. sheet nil)

Ind. Cl. : 83 A-1, B-5. 185075

Int. Cl.[4] : A 23 L, 1/16.

A PROCESS FOR THE PREPARATION OF NOODLES/VERMICELLI FROM RICE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1960).

Inventors :
1. CHAKRABHAVI MALLAPPA SOWBHAGYA—INDIA
2. SYED ZAKIUDDIN ALI—INDIA

Kind of Application : Complete.

Application for Patent No. 688/Del/96 filed on 29-03-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims

A process for the preparation of noodles/vermicelli from rice comprises of; (a) soaking well-milled rice or rice brokens (apparent amylose > or = 26%) in excess water containing edible alkali metabisulphite, such as sodium or potassium metabisulphite having 0.05 to 0.3% SO_2 (b) removing the excess water, (c) washing, drying & grinding to make a fine powder of 40 mesh (BS). (d) adding salt to taste, (e) sieving to break the lumps, (f) mixing thoroughly with water so as to have moisture content of 25 to 28% (wb) and steaming (g) making a dough using boiling water (h) extruding through an extruder having die of desired size to form noodles (i) steaming extruded noodles and drying.

(Compl. Specn. : 12 pages ; Drng. sheet nil)

Ind. Cl. : 32 F 3C, 83 A 2. 185076

Int. Cl.[1] : C 07 C. 55/00.

AN IMPROVED PROCESS FOR THE ISOLATION OF THE TARTARIC ACID AND OTHER PRODUCTS SUCH AS PECTIN, POTASSIUM CARBONATE AS BY PRODUCTS FROM THE TAMARIND PULP.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001. INDIA, AN INDIAN, REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) :

1. MOHAN GOPALKRISHNA KULKARNI—INDIA
2. SUDHIR SHARADCHANDRA KULKARNI—INDIA
3. SANJAY NARAYAN NENE—INDIA
4. MADHAV JAGANNATH THAKAR—INDIA
5. BHASKAR GANAPATRAO GAIKWAD—INDIA

Kind of Application : Complete.

Application for Patent No. 857/Del/96 filed on 23-04-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

8 Claims

An improved process for the isolation of the Tartaric acid and other products such as pectin, potassium bi carbonate as by products from the Tamarind pulp which comprises : (i) extracting the Tamarind pulp repeatedly using water, at a temperature rang 25°C—100°C in any conventional manner to extract a mixture of tartaric acid, potassium bi-tartarate, pectin and sugar ; (ii) separating the residue and filtrate by filteration; (iii) treating the said filtrate with activated carbon to remove the colouring matter and get clear decolourised filtrate; (iv) concentrating the said filtrate obtained in step (iii) to reduce the volumet to 1/2 to 1/8th of the original volume, at a temperature 70° to 90°C under vacuum, monitoring the time and the temperature effectively to avoid the change in optical rotation to get pulp; (v) cooling the pulp to a temperature in the range of 5° to 30°C and allowing to stand for a period ranging from 2—16 hrs. to complete the seperation of potassium bi-tartarate from mother liquor; (vi) treating the mother liquour containing small amount of potassium bi-tartarate, and pectin, tartaric acid and sugar with a polar solvent toprecipitate pectin separating the pectine if desired, purifying the resultant pectin, by known methods.

(vii) treating the filtrate obtained in step (vi), containing tartaric acid, traces of potassium bitartarate and sugar with a ketonic solvent containing tertiary amine under vigorous shaking to extract the tartaric acid in the solvent layer, separating the organic solvent layer containing predominantly tartaric acid and treating the organic solvent layer with a dilute aqueous NaOH solution to recover tartaric acid from the organic layer as sodium tartrate into the aqueous layer;

(viii) concentrating the aqueous layer and passing over a strongly cationic exchange resin to convert sodium tartarate to tartaric acid, and purifying by conventional crystallization method.

(Compl. Specn. : 23 pages; Drgn. : nil sheet)

Ind. Cl. : 60x. 2d. 185077

Int. Cl.[4] : C 07K—7/12.

A PROCESS FOR THE PREPARATION OF STABLE ORAL FORMULATION OF ENKEPHALIN ANALOGUES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) :

1. ANIL KUMAR DWIVEDI—INDIA
2. MADHU KHANNA—INDIA
3. WAHAJUL HAQ—INDIA
4. RAM RAGHUVIR—INDIA
5. SATYAWAN SINGH—INDIA

Kind of Application : Complete.

Application for Patent No. 2641/Del/96 filed on 29-11-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

8 Claims

A process for the preparation of stable oral formulation of enkephalin analogues which comprises of (i) dissolving the N-substituted amides of L-tyrosyl-D-Alanyl-glycyl-L-N-Methylphenyl alanyl glycine (enkephaline enalog) and the cyclodextrin in water, (ii) shaking the solution to make a clear solution (iii) removing the water by freeze drying/spray drying or by any other means like evaporation to get enkephaline analogue : cyclodextrin complex, washing the above complex with organic solvent selected from chloroform methanol or mixture thereof and drying (iv) mixing the above formed complex with a diluent in presence of a conventional binder and/or lubricating agent and compressing to desired shape.

(Compl. Specn. : 10 pages; Drgn. : nil sheet)

Ind. Cl. : 40B 185078

Int. Cl. :[1] : B01D 11/02

A PROCESS FOR THE EXTRACTION OF A FORMULATIONS MAINLY CONTAINING BACOSIDES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT. (ACT XXI OF 1860).

Inventors :

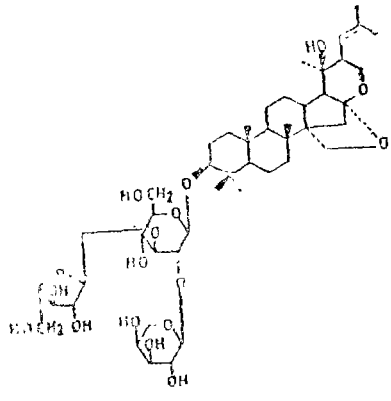
GITIKA BHATIA,
BHOLA NATH DHAWAN,
VED PRAKASH KAMBOJ,
DINESH KUMAR KULSHRESHTHA,
BISHAN NARAIN MEHROTRA,
RAGHWENDRA PAL,
GYANENDRA KUMAR PATNAIK,
SUBHA RASTOGI,
SUDHIR SRIVASTAVA,
CHINTA MANI SINGH,
HEMANT KUMAR SINGH &
SATYAWAN SINGH.

Kind of Application : Complete.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

8 Claims

1. A process for the extraction of a formulations mainly containing Bacosides such as (a) 3β[O-α-L-arabino-furanosyl (1 - ->6)-O-[α-L-arabinopyranosyl (1 - - >5)] -O-α-D-glucofuranosyl) - oxy] pseudojujubogenin (Bacoside A_2) of the formula 1



(b) Bacoside A_2 and (c) 3β-[O-BD-glucopyranosyl (1 - ->3)-O- [α-L-ara-binofuranosyl (1 - ->2) -O-β-D-glucopyranosyl) oxy] jujubogenin (Bacoside A_3) of the formula 2, the amount of (a), (b) and (c) being 50 to 70% and (d) 30 to 50% which comprises.

(a) powdering the dry whole plant Bacopa monniera,

(b) extracting the resultant powder with conventional organic polar solvent or a mixture of polar solvents or first extracting with water followed by extracting with a polar solvent and evaporating to dryness to get a residue,

(c) resuspending the residue obtained in step (b) in water & partitioning with a water immiscible polar solvent to form a solvent and aqueous layer,

(d) separating the aqueous layer by known methods,

(e) treating the aqueous layer with a polar solvent repeatedly till a clear aqueous layer and a solvent layer is formed.

(f) separating the solvent layer by known methods,

(g) washing the solvent layer with water,

(h) treating the washed solvent layer with a known decolorising agent,

(i) evaporating the decolorised layer to dryness, and

(j) macerating the dried product with non polar solvent till the less polar impurities are removed.

(Compl. Specn. : 14 pages; Drgns. : 2 sheets)

Ind. Cl. : 32-3C 185079

Int. Cl.[4] : C 07C —43/30

A PROCESS FOR THE PREPARATION OF ESTRA -5, 10 α-OXIDO-9 (11)-EN-17β-HYDROXY-17-(3-METHYL-1-BUTYNL)-CYCLIC-3-(1, 2- ETHANDIYL) ACETAL.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT. (ACT XXI OF 1860).

Inventors :
BRAJA GOPAL HAZRA—INDIA,
VANDANA SUDHIR PORE—INDIA,
PADMAKAR LAXMAN JOSHI—INDIA,
SOURAV GASU—INDIA.

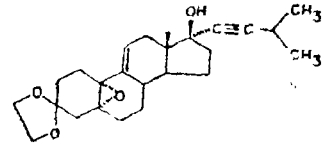
Kind of Aplication : Complete.

Application for Patent No. 2963/Del/96 filed on 27-12-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

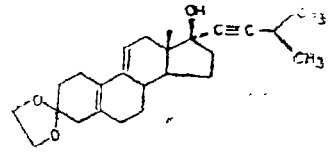
6 Claims

A process for the preparation of estra -5, 10 α-oxido-9(11) -en-17 β-hydroxy -17-(3-methyl-1-butynyl)-cyclic 3-(1, 2-ethanediyl) acetal of formula 2



2

which comprises preparing a solution of estra -5(10), 9(11)-dien-3-one, 17 β-hydroxy -17- (3-methyl-1-butynyl)-cyclic 3-(1, 2-ethanediyl) acetal having structural formula 1



in chlorinated aliphatic organic solvent and adding dropwise an conventional oxidising agent to this solution in presence of a hexaloacetone catalyst and buffer of pH 10 under constant sitrring and maintaining the reaction temperature below 5°C, bringing the temperature to ambient and continuing the stirring for 4 to 6 hrs, extracting the product in a chlorinated solvent, separating the organic layer by conventional methods, quenching the organic layer with reducing agent, removing the solvent by evaporation at room temperature under vacuum and further purifying by conventional column chromatography to get estra -5, 10α-oxido- 9(11)-en-17β-hydroxy -17- (3-methyl-1-butynyl)-cyclic 3- (1, 2-ethanediyl) acetal of formula 2.

(Compl. Specn. 9 pages Drng. 1 Sheet)

Ind. Cl. : 55E[4] 185080

Int. Cl.[4] : C 07J—9/00

A PROCESS FOR THE PREPARATION OF 11β-(4-(N, N-DIMETHYL AMINO)-PHENYL)-17β-HYDROXY-17- (3-METHYL-1-BUTYNYL)-ESTRA-4, 9-DIEN-3-ONE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT. (ACT XXI OF 1860).

Inventors :
BRAJA GOPAL HAZRA—INDIA,
VANDANA SUDHIR PORE—INDIA,
PADMAKAR LAXMAN JOSHI—INDIA,
SOURAV BASU—INDIA.

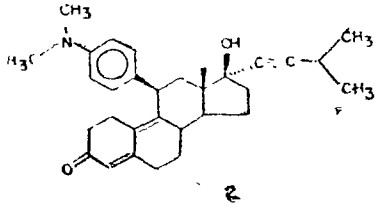
Kind of Aplication : Complete.

Application for Patent No. 2964/Del/96 filed on 27-12-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

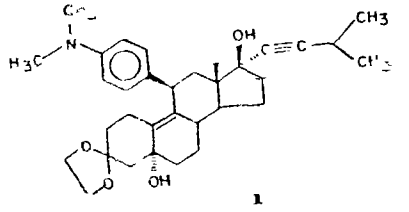
6 Claims

A process for the preparation of 11β-(4-(N, N-dimethyl amino)-phenyl)-17β-hydroxy-17- (3-methyl-1-butynyl)-estra-4, 9-dien-3-one having structural formula 2



2

which comprises of treating the compound of formula 1



1

with an acid (60 to 70%) at temperatures ranging from 50 to 55°C for 2 to 3 hours, neutralizing with a base, extracting the product in organic solvent separating the organic layer and removing the solvent by evaporation under vacuum, further purifying the crude product obtained by column chromatography to obtain the compound 2.

(Compl. Specn. 7 pages Drg. 1 Sheet)

PATENT SEALED ON 06-10-2000

183710* 183712*F 183714 183715* 183716*D 183717*F 183718*F 183719*D 183720*D 183721*F 183723*F 183724*D 183725*D 183726*D 183727*D 183728*D 183729*D 183730*D

CAL—01, DEL—NIL, MUM—08, CHEN—09

*Patent shall be deemed to be endorsed with words licence of right under Section 87 of the Patents Act, 1970 from the date of expiration of three years of the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in section 50 of the Design Act, 1911.

The date shown in the each entries is the date of registration included in the entries :

Class 1. No. 182025. Leica Microsystems, Inc. A Corporation of The State of Delaware of 3362 Walden Avenue, Depew, New York 14043, United States of America. "REFRACTOMETER". 4th April, 2000.

Class 1. No. 181809. Yogesh Paliwal. M/s. Farm Input Trading Co. 6-Sawarkar Market, Datt Chowk, Yavatmal-445001, (Maharashtra), India, "LIGHT TRAP". 6th March 2000.

Class 1. No. 182203. Kirloskar Copeland Limited, 1202/1, Ghole Road, Pune-411005, Maharashtra, India. "COMPRESSOR". 27th April 2000.

Class 3. No. 182562. Kimberly-Clark Worldwide Inc., 401, North Lake Street, Neenah, Wisconsin 54957-0349, United States of America. "PANTI-LINER", 15th June 2000.

Class 3. No. 182579. Anand Shetty, Sole Proprietor. 9 Anjani Kumar Indl. Estate, Datt Mandir, Bhandup (W), Mumbai-400078. Maharashtra, India. "CONTAINED". 7th June 2000.

Class 5. No. 180902. Perfetti India Ltd. an Indian Company. 47, Milestone, Delhi-Jaipur Highway, Manesar Village, Distt. Gurgaon (Haryana), India. "CARTON". 30th November, 1999.

Class 5. No. 182269. Crown Paper Converters Pvt. Ltd. Mechano House, AA-19, Sector 1, Salt Lake City, Calcutta-700064, W. B. India. "SERVIETTE". 8th May, 2000.

Class 12. No. 181675. Shankar Traders, Indian National "Outside Gate Hakiman, Bharariwal Chabhal Road, Amritsar 143001, Punjab State, India. "KATALI-TUKRI". 21st February, 2000.

Class 12. No. 182144. P. K. Lonappen, trading as Deepam Umbrellas, Indian National, at South Bazar, Trichur-680001, Kerala. "UMBRELLA FOR GREETING PURPOSE". 19th April 2000.

H. D. THAKUR
Controller General of Patents Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2000